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CUSTOMER:	DAR-TECH	**CUSTOMER ORDER REF:**	27915 DAR TECH
DISTRIBUTOR:	ANDANTEX INCORPORATED	**REDEX ORDER REF:**	212514
DESIGNATION:	DRP4+R.91.4.S	**SERIAL NUMBER:**	901210
CODE:	RX129181-33	**MOTOR FLANGE CODE:**	RX129580-01

Mechanical preload data

The preload torque of the gearbox in DUALDRIVE configuration depends on the application data and features of the gearbox.

The preload torque can be increased but must never exceed the maximum value indicated below.

A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

Optimal preload torque Tp:	**Following application**
Maximum preload torque:	**18,1 Nm**

For the installation, please refer to User Manual DRP (182/009)

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

REDEX
ZI-BP79
F45210 FERRIERES
www.redex.fr
Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex.fr

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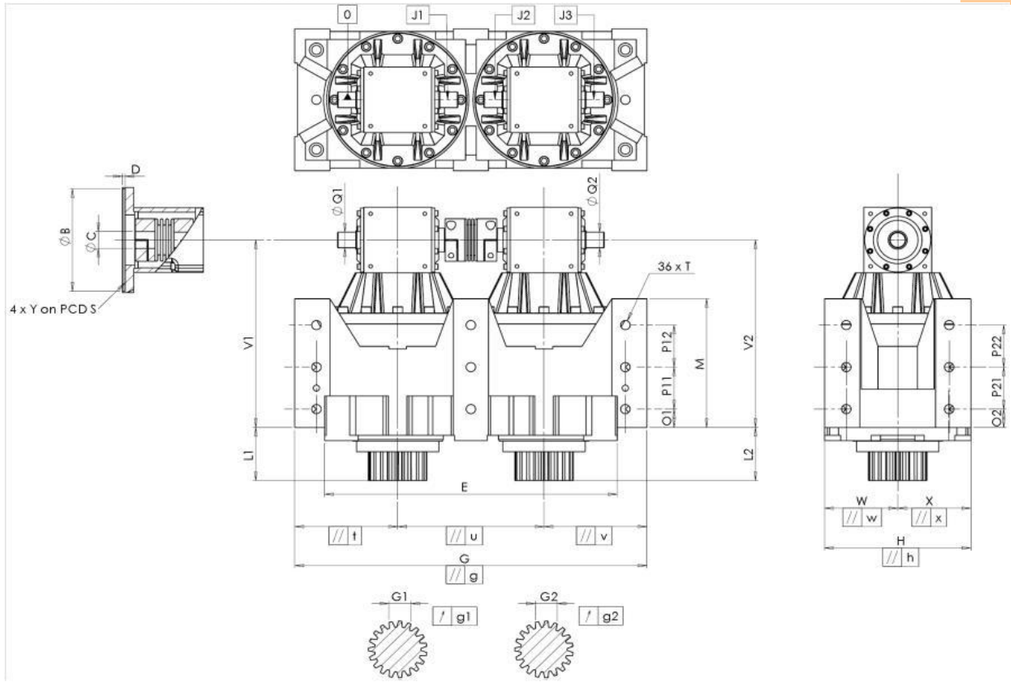
EXTERNAL DIMENSIONS & INTERFACES: **SN:** 901210



General tolerance: Js13 | *Cmm* Automatic / manual coordinate-measuring machine | *µm* Micrometer | *Cr* Calliper rule | *Di* Dial indicator | *Pg* Plug gauge

HOUSING

	requirement			measure
				A5819
	E	640 $^{0}_{-0,1}$	Cmm	639,959
	G	800 $^{+0,2}_{-0,2}$	Cmm	799,995
//	g	0,05	Cmm	0,008
//	t	0,05	Cmm	0,001
//	u	0,035	Cmm	0,009
//	v	0,05	Cmm	0,009
	W	160	Cmm	159,996
//	w	0,04	Cmm	0,004
	X	160	Cmm	160,008
//	x	0,04	Cmm	0,003
	H	320 $^{+0,04}_{-0,04}$	Cmm	320,004
//	h	0,02	Cmm	0,01
	V1	435	Cmm	435,125
	L1	120	Cmm	120,122
	V2	435	Cmm	435,155
	L2	120	Cmm	120,08
Ø	Q1	35 $^{+0,011}_{-0,005}$	Cmm	35,002
Ø	Q2	35 $^{+0,011}_{-0,005}$	Cmm	35,001
	J1	/0	µm	0,02
	J2	/0	µm	0
	J3	/0	µm	0

HOUSING

	requirement			measure
	O1	43	Cr	43
	P11	100	Cr	100
	P12	100	Cr	100
	M	288 $^{+0,1}_{-0,1}$	Cmm	287,955
	O2	43	Cr	43
	P21	100	Cr	100
	P22	100	Cr	100
Ø	T	M24	Pg	M24

OUTPUT PINION

Pinion 1				S1893
Span dimension over 3 teeth				
	G1	46,9 $^{0}_{-0,03}$	Cmm	46,895
↗	g1	0,022	Di	0,01
Pinion 2				S1894
Span dimension over 3 teeth				
	G2	46,9 $^{0}_{-0,03}$	Cmm	46,895
↗	g2	0,022	Di	0,015

No-load input torque

Line	3,5 Nm
Line 2	3,5 Nm

MOTOR FLANGE

	requirement			measure
				A1268
Ø	B	180 $^{+0,054}_{+0,014}$	µm	180,051
Ø	C	42 $^{+0,05}_{+0,025}$	µm	42,04
	D	8	Cr	8,11
Ø	S	215	Cr	215
Ø	Y	M12	Pg	M12

	Line	Stiffness
Torsional stiffness (Nm/arcmin)	1	745,99
	2	745,99
Radial stiffness (N/µm)	1	1064
	2	1002

Noise level

@1300 rpm input (dB(A))	67,0

Date: 08/01/2018 **Visa:** C DE MIRANDA

Version: A

REDEX
ZI-BP79
F45210 FERRIERES
www.redex.fr
Tel: +33 2 38 94 42 00
Fax: +33 2 38 94 42 99
Email: info@redex.fr